Name _____ Class _____ Date _____

Intro to Circles

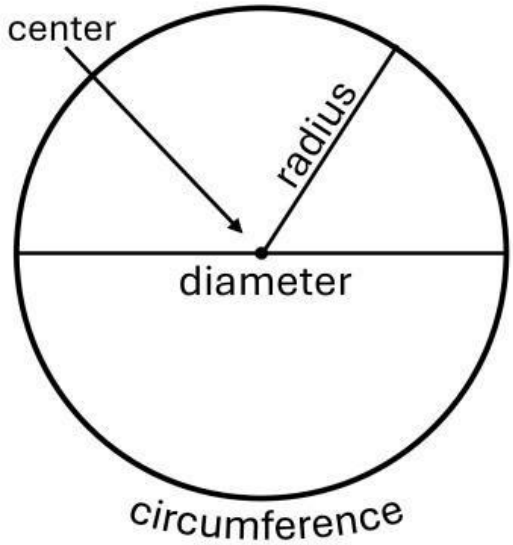
1. Definitions

A _____ is a set of points in a plane that are the same distance from a point. This point is the _____ of the circle.

Radius - _____ the distance across a circle from center point.

Diameter - _____ across the circle that goes through center.

2. Circumference and the ratio



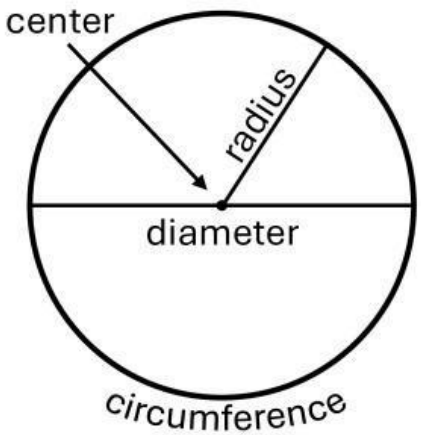
The distance around the circle is called the circumference. The ratio of the circumference to the diameter is pi.

$\pi = 3.141592654...$

$\pi = 22/7$

$$\pi = \frac{C}{d}$$

3. Every circumference divided by the diameter will equal pi, we can find the circumference as long as we know the diameter or radius.



$$\pi = \frac{C}{d}$$

C = _____ C = _____

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